



November 30, 2012

To Whom It May Concern:

On June 10, 2005, two watersheds in the Town of Hanover, NH experienced an intense 1 hour 500 year storm event. Approximately 3.5" of rainfall in 15 minutes time washed out East Wheelock Street and Reservoir Road, two important Town highways on the east side of Town. The intense rainfall which totaled around 5" was a storm event never experienced before in the history of the Town.

Reservoir Road remained closed until the summer of 2008 when the Town had available funding to rebuild the road. During the June 10, 2005 storm event all of the existing dual 24" culverts were quickly plugged with debris which caused the road to wash out. The existing culverts were only sized to withstand a 24 hour 25 year storm. The Town made the decision to rebuild Reservoir Road taking into consideration the past history of washouts with the undersized culverts. Therefore, the road was rebuilt using 6'X9' concrete box culverts which would pass a 24 hour 100 year storm.

To date, which includes the effects of Tropical Storm Irene and Hurricane Sandy, the road has not experienced any storm related problems. The decision to rebuild Reservoir Road taking into consideration a severe storm event has proven beneficial to the Town and travelling public.

Respectfully,

Julia N. Griffin
Town Manager